

| PHYSICAL PROPERTIES | | | | ELECTRICAL PROPERTIES | | | | | | | | | | | |
|---------------------|---|-----------------------------|-------------------------|--------------------------------------|------|------|------|------|---------------------|------|------|-------|----|---|-------|
| Size | | Approx DC Resistance 20°C/m | Approximate Weight (kg) | Current Carrying Capacity at 30°C(A) | | | | | | | | | | Max. Short Circuit Current at 1 Second kA | |
| | | | | No of Bus (AC/20kV) | | | | | No of Bus (DC/20kV) | | | | | | |
| mm | Ø | mm | kg | I | II | III | IV | V | VI | VI | VI | VI | VI | VI | VI |
| 2 | x | 25 | 338.32 | 1.08 | 152 | 207 | - | - | 332 | 231 | - | - | - | - | 31 |
| 2 | x | 35 | 336.74 | 1.79 | 239 | 443 | - | - | 233 | 418 | - | - | - | - | 5.1 |
| 3 | x | 25 | 375.85 | 1.81 | 184 | 328 | - | - | 181 | 320 | - | - | - | - | 3.8 |
| 3 | x | 35 | 352.25 | 1.72 | 188 | 387 | - | - | 185 | 340 | - | - | - | - | 6.1 |
| 3 | x | 25 | 281.83 | 2.5 | 260 | 380 | - | - | 280 | 431 | - | - | - | - | 7.7 |
| 3 | x | 35 | 225.66 | 2.69 | 295 | 481 | 722 | 943 | 275 | 338 | 830 | 1088 | - | - | 9.2 |
| 3 | x | 30 | 186.11 | 3.22 | 365 | 542 | 803 | 1059 | 265 | 339 | 835 | 1022 | - | - | 12.3 |
| 3 | x | 40 | 161.94 | 4.32 | 470 | 710 | 939 | 1390 | 478 | 619 | 1104 | 983 | - | - | 15.6 |
| 3 | x | 50 | 122.94 | 5.28 | 575 | 1058 | 1484 | 1933 | 534 | 682 | 1271 | 1190 | - | - | 19.4 |
| 4 | x | 5 | 292.96 | 2.5 | 221 | 425 | 598 | 778 | 279 | 384 | 553 | 750 | - | - | 6.1 |
| 4 | x | 25 | 212.32 | 2.87 | 305 | 490 | 760 | 958 | 385 | 565 | 883 | 1079 | - | - | 9.2 |
| 4 | x | 35 | 189.84 | 3.58 | 365 | 608 | 858 | 1185 | 385 | 680 | 981 | 1286 | - | - | 12.3 |
| 4 | x | 30 | 141.87 | 4.30 | 430 | 690 | 1008 | 1309 | 430 | 762 | 812 | 1482 | - | - | 15.6 |
| 4 | x | 40 | 128.28 | 5.73 | 545 | 883 | 1280 | 1540 | 545 | 980 | 983 | 1927 | - | - | 19.4 |
| 4 | x | 50 | 85.05 | 7.17 | 665 | 1090 | 1490 | 1900 | 665 | 1182 | 1079 | 2022 | - | - | 25.6 |
| 5 | x | 25 | 178.28 | 3.58 | 345 | 508 | 808 | 1099 | 345 | 587 | 832 | 1285 | - | - | 9.2 |
| 5 | x | 35 | 138.28 | 4.48 | 485 | 608 | 970 | 1300 | 445 | 710 | 148 | 1021 | - | - | 12.3 |
| 5 | x | 30 | 108.1 | 5.36 | 485 | 700 | 1090 | 1480 | 485 | 812 | 1381 | 1274 | - | - | 15.6 |
| 5 | x | 40 | 85.24 | 7.17 | 685 | 807 | 1181 | 1595 | 685 | 1079 | 1090 | 2182 | - | - | 19.4 |
| 5 | x | 50 | 66.21 | 8.96 | 745 | 907 | 1381 | 194 | 745 | 106 | 1184 | 2022 | - | - | 25.6 |
| 5 | x | 60 | 58.85 | 10.75 | 870 | 1057 | 1681 | 2424 | 870 | 1488 | 2075 | 2804 | - | - | 31.7 |
| 5 | x | 65 | 54.16 | 12.9 | 945 | 1198 | 1837 | 2708 | 977 | 1681 | 2382 | 2844 | - | - | 38.2 |
| 5 | x | 80 | 42.85 | 14.34 | 1200 | 1700 | 2381 | 3641 | 1200 | 1988 | 2485 | 3070 | - | - | 45.9 |
| 5 | x | 100 | 34.72 | 17.89 | 1470 | 2104 | 2790 | 4098 | 1484 | 2678 | 3638 | 4683 | - | - | 55.1 |
| 5 | x | 120 | 27.30 | 22.42 | 1824 | 2586 | 3386 | 6129 | 1824 | 3181 | 4387 | 5688 | - | - | 62.9 |
| 6 | x | 25 | 122.8 | 3.38 | 460 | 630 | 810 | 1000 | 440 | 710 | 1088 | 1487 | - | - | 9.2 |
| 6 | x | 30 | 94.83 | 4.48 | 638 | 700 | 1000 | 1300 | 638 | 1010 | 1370 | 1880 | - | - | 12.3 |
| 6 | x | 35 | 71.8 | 5.60 | 680 | 818 | 1007 | 1284 | 680 | 1088 | 1384 | 2286 | - | - | 15.6 |
| 6 | x | 40 | 58.84 | 7.05 | 838 | 1020 | 1180 | 1580 | 838 | 1184 | 2043 | 2687 | - | - | 19.4 |
| 6 | x | 50 | 47.48 | 8.88 | 968 | 1284 | 1571 | 2027 | 968 | 1300 | 2487 | 3284 | - | - | 25.6 |
| 6 | x | 60 | 38.80 | 11.23 | 1180 | 1507 | 2023 | 2789 | 1180 | 1677 | 2281 | 3281 | - | - | 31.7 |
| 6 | x | 100 | 28.48 | 21.38 | 1480 | 2088 | 2840 | 3838 | 1480 | 2678 | 3832 | 5178 | - | - | 48.1 |
| 8 | x | 25 | 108.82 | 3.73 | 447 | 622 | 788 | 1001 | 418 | 763 | 1070 | 1388 | - | - | 9.2 |
| 8 | x | 35 | 71.27 | 4.60 | 630 | 820 | 1480 | 1900 | 630 | 1188 | 1600 | 2188 | - | - | 12.3 |
| 8 | x | 40 | 53.48 | 7.18 | 803 | 1038 | 1781 | 2388 | 803 | 1488 | 2033 | 2718 | - | - | 15.6 |
| 8 | x | 50 | 42.78 | 9.04 | 965 | 1288 | 2130 | 2783 | 965 | 1778 | 2474 | 3238 | - | - | 19.4 |
| 8 | x | 60 | 35.87 | 11.23 | 1180 | 1502 | 2074 | 2982 | 1180 | 1688 | 2180 | 2740 | - | - | 25.6 |
| 8 | x | 80 | 28.78 | 14.34 | 1488 | 2181 | 3083 | 3880 | 1488 | 1988 | 2786 | 3679 | - | - | 31.7 |
| 8 | x | 100 | 21.41 | 18.47 | 1788 | 2677 | 3601 | 4487 | 1788 | 2679 | 4288 | 5683 | - | - | 38.2 |
| 9 | x | 25 | 85.36 | 7.17 | 389 | 710 | 1000 | 1388 | 389 | 683 | 930 | 120 | - | - | 19.4 |
| 9 | x | 35 | 68.40 | 8.96 | 468 | 881 | 1207 | 1602 | 468 | 788 | 1180 | 1488 | - | - | 25.6 |
| 9 | x | 40 | 57.88 | 10.75 | 720 | 792 | 1625 | 2222 | 720 | 1388 | 1905 | 2427 | - | - | 31.7 |
| 9 | x | 50 | 42.85 | 14.34 | 918 | 1386 | 1981 | 2585 | 918 | 1688 | 2384 | 2981 | - | - | 38.2 |
| 9 | x | 58 | 34.08 | 17.89 | 1080 | 1685 | 2344 | 3085 | 1080 | 1888 | 2639 | 3247 | - | - | 45.9 |
| 9 | x | 60 | 28.57 | 21.38 | 1278 | 1911 | 2752 | 3784 | 1278 | 2089 | 3250 | 4156 | - | - | 55.1 |
| 9 | x | 65 | 27.21 | 22.50 | 1480 | 2075 | 3011 | 4185 | 1480 | 2280 | 3581 | 4384 | - | - | 62.9 |
| 9 | x | 80 | 21.43 | 28.47 | 1808 | 2436 | 3283 | 4448 | 1808 | 2886 | 4121 | 5148 | - | - | 75.3 |
| 9 | x | 100 | 16 | 35.84 | 1980 | 3038 | 3984 | 5472 | 1980 | 3487 | 4875 | 6283 | - | - | 92.2 |
| 9 | x | 120 | 14.29 | 43.81 | 2385 | 3573 | 4481 | 6282 | 2385 | 3882 | 5527 | 7121 | - | - | 107.7 |
| 9 | x | 130 | 12.72 | 44.83 | 1984 | 3080 | 4188 | 6685 | 1984 | 3387 | 4749 | 6148 | - | - | 128.8 |
| 9 | x | 150 | 11.40 | 62.76 | 2780 | 4480 | 6643 | 9380 | 2780 | 4830 | 7036 | 9240 | - | - | 156.3 |
| 9 | x | 180 | 10.72 | 87.24 | 3830 | 4381 | 6027 | 8884 | 3830 | 6373 | 7330 | 9436 | - | - | 198.8 |
| 9 | x | 200 | 8.88 | 71.88 | 3680 | 6270 | 7178 | 9949 | 3680 | 6268 | 8875 | 11841 | - | - | 254.4 |
| 10 | x | 65 | 22.88 | 27.0 | 180 | 210 | 309 | 381 | 1888 | 1988 | 2821 | 3618 | - | - | 75.3 |
| 10 | x | 80 | 17.87 | 34.41 | 188 | 3842 | 4988 | 6385 | 1787 | 3306 | 4638 | 6037 | - | - | 88.1 |
| 10 | x | 100 | 14.30 | 43.81 | 2377 | 4373 | 6130 | 7986 | 2306 | 4018 | 5481 | 7101 | - | - | 107.7 |